## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re Application of:

Ito, et al.

Serial No.: 10/698,673

Confirmation No.: 1025

Filed:

October 31, 2003

For:

Waveguide and Microwave

Ion Source Equipped With

the Wavequide

MAIL STOP AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Group Art Unit: 1763

Examiner:

Rakesh K. Dhingra

CERTIFICATE OF MAILING 37 CFR 1.8

I hereby certify that this correspondence is being deposited on 2006 with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-

1450.

RESPONSE TO FINAL OFFICE ACTION DATED FEBRUARY 3, 2006

In response to the Final Office Action dated February 3, 2006, having a shortened statutory period set to expire on May 3, 2006, please enter this response and reconsider the claims pending in the application for reasons discussed below. Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/APPM/007765/KMT for any fees, including excess claim fees, required to make this response timely and acceptable to the Office.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper. Remarks begin on page 4 of this paper.